

EFHK

Helsinki Vantaa

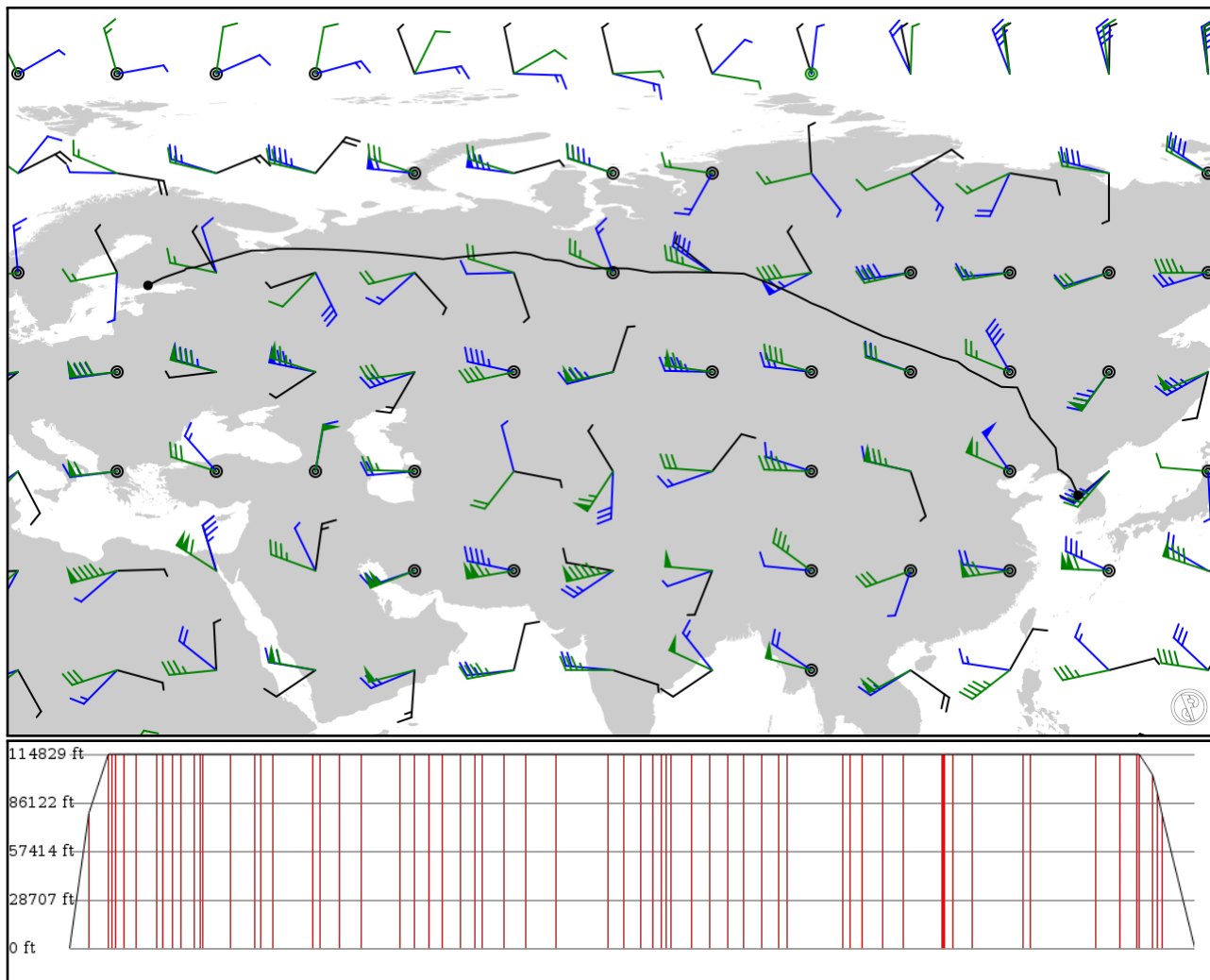
RKSI

Incheon Intl

2024/05/03 1817Z

EFHK ELSUS **Y73** SVL **T84** OMILO NESIN **UN746** KOKAT **R355** ALISA TAGIN **B157** PEMIL **G353** KUMEN **A222** UHT
B200 POLUN **B154** USHB **G499** BELYI LEMAT 6300N07000E OMEDA KANAL **G483** SVITA **R22** PTG **G490** BRT **B478**
UIAA **A91** TELOK **A345** GOLOT **A575** GK RKSI

3959.73 nm / 7333.42 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
EFHK APT	-	60.32057 24.95267	0 ft 0 m	-	Helsinki Vantaa
ELSUS FIX	-	61.13750 26.57556	24,400 ft 7,437 m	68	-
GEKLU FIX	Y73 AWY-LO	61.81833 28.51167	35,000 ft 10,668 m	68	-
SVL VOR	Y73 AWY-LO	61.95268 28.91406	35,000 ft 10,668 m	13	LINNA VOR-DME
OMILO FIX	T84 AWY-LO	62.16444 29.11889	35,000 ft 10,668 m	13	-
NESIN FIX	-	62.29972 30.12250	35,000 ft 10,668 m	29	-
KOKAT FIX	UN746 AWY-HI	62.66667 31.37500	35,000 ft 10,668 m	41	-
SONIS FIX	R355 AWY-LO	63.34167 33.52722	35,000 ft 10,668 m	71	-
NEGAM FIX	R355 AWY-LO	63.56833 34.29722	35,000 ft 10,668 m	24	-
TOGRU FIX	R355 AWY-LO	63.85667 35.31889	35,000 ft 10,668 m	32	-
ALISA FIX	R355 AWY-LO	64.11167 36.26556	35,000 ft 10,668 m	29	-
TAGIN FIX	-	64.13333 38.03056	35,000 ft 10,668 m	46	-
MAGEM FIX	B157 AWY-LO	64.27000 38.78556	35,000 ft 10,668 m	21	-
PEMIL FIX	B157 AWY-LO	64.31667 39.06389	35,000 ft 10,668 m	7	-
KUMEN FIX	G353 AWY-LO	64.28333 42.96417	35,000 ft 10,668 m	101	-
ROGIS FIX	A222 AWY-LO	64.16194 46.10583	35,000 ft 10,668 m	82	-
TIROL FIX	A222 AWY-LO	64.12028 46.90750	35,000 ft 10,668 m	21	-
TONLO FIX	A222 AWY-LO	64.01528 48.61583	35,000 ft 10,668 m	45	-
UHT VOR	A222 AWY-LO	63.56056 53.79389	35,000 ft 10,668 m	140	UKHTA VOR-DME
POTOK FIX	B200 AWY-LO	63.47500 54.64000	35,000 ft 10,668 m	23	-
POLUN FIX	B200 AWY-LO	63.19000 57.15333	35,000 ft 10,668 m	69	-
KEDOR FIX	B154 AWY-LO	63.50194 59.96806	35,000 ft 10,668 m	78	-
USHB APT	B154 AWY-LO	63.91833 65.01000	35,000 ft 10,668 m	136	-
BELVI FIX	G499 AWY-LO	63.68833 66.70000	35,000 ft 10,668 m	46	-
LEMAT FIX	-	63.16333 68.26333	35,000 ft 10,668 m	52	-
6300N07000E LATLON	-	63.00000 70.00000	35,000 ft 10,668 m	48	-
OMEDA	-	62.41222	35,000 ft	61	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	71.81861	10,668 m		
KANAL	-	62.15056	35,000 ft	52	-
FIX	-	73.61528	10,668 m		
USRK	G483	62.19042	35,000 ft	25	KOGALYM
APT	AWY-LO	74.53380	10,668 m		
USNR	G483	62.15833	35,000 ft	78	-
APT	AWY-LO	77.33000	10,668 m		
SVITA	G483	61.74167	35,000 ft	75	-
FIX	AWY-LO	79.84500	10,668 m		
KUMIR	R22	61.76722	35,000 ft	105	-
FIX	AWY-LO	83.54917	10,668 m		
PTG	R22	61.59889	35,000 ft	184	PODKAMENNAYA TUNGUSKA VOR-DME
VOR	AWY-LO	90.01278	10,668 m		
OBROK	G490	61.00833	35,000 ft	56	-
FIX	AWY-LO	91.55500	10,668 m		
SEVIK	G490	60.41722	35,000 ft	56	-
FIX	AWY-LO	93.06639	10,668 m		
TALOD	G490	59.96722	35,000 ft	41	-
FIX	AWY-LO	94.11139	10,668 m		
PEDAN	G490	59.59722	35,000 ft	32	-
FIX	AWY-LO	94.91139	10,668 m		
TIKUS	G490	59.43389	35,000 ft	14	-
FIX	AWY-LO	95.27139	10,668 m		
ADASO	G490	59.24722	35,000 ft	16	-
FIX	AWY-LO	95.67472	10,668 m		
RI	G490	58.37500	35,000 ft	74	BOGUCHANY NDB
NDB	AWY-LO	97.37000	10,668 m		
KUFIR	G490	57.71667	35,000 ft	65	-
FIX	AWY-LO	99.00000	10,668 m		
OGAMA	G490	57.02333	35,000 ft	60	-
FIX	AWY-LO	100.35000	10,668 m		
BRT	G490	56.37222	35,000 ft	58	BRATSK VOR-DME
VOR	AWY-LO	101.68583	10,668 m		
AKIRU	B478	55.70500	35,000 ft	64	-
FIX	AWY-LO	103.18000	10,668 m		
AVIBI	B478	55.10833	35,000 ft	57	-
FIX	AWY-LO	104.49167	10,668 m		
MX	B478	54.80000	35,000 ft	29	-
NDB	AWY-LO	105.15000	10,668 m		
RIMLA	B478	53.13722	35,000 ft	196	-
FIX	AWY-LO	109.95694	10,668 m		
DIROL	B478	52.90833	35,000 ft	25	-
FIX	AWY-LO	110.54833	10,668 m		
NERKA	B478	52.51722	35,000 ft	42	-
FIX	AWY-LO	111.53361	10,668 m		
UIAA	B478	52.02758	35,000 ft	71	KADALA
APT	AWY-LO	113.30166	10,668 m		
AGINO	A91	51.10056	35,000 ft	72	-
FIX	AWY-LO	114.53389	10,668 m		
ZBK	A91	49.64667	35,000 ft	138	ZABAYKALSK VOR
VOR	AWY-LO	117.33333	10,668 m		
TELOK	A91	49.62667	35,000 ft	2	-
FIX	AWY-LO	117.37833	10,668 m		
MANLI	A345	49.58333	35,000 ft	3	-
FIX	AWY-LO	117.45000	10,668 m		
KAGAK	A345	49.26667	35,000 ft	31	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	118.10000	10,668 m		
HLD	A345	49.20167	35,000 ft	67	HAILAR VOR-DME
VOR	AWY-LO	119.82333	10,668 m		
ELPUN	A345	46.30833	35,000 ft	180	-
FIX	AWY-LO	121.07167	10,668 m		
IKITI	A345	45.91500	35,000 ft	24	-
FIX	AWY-LO	121.23500	10,668 m		
KYU	A345	42.63333	35,000 ft	230	KAIYUAN VOR-DME
VOR	AWY-LO	124.00833	10,668 m		
ANSUK	A345	41.24167	35,000 ft	83	-
FIX	AWY-LO	124.18333	10,668 m		
DDG	A345	40.26000	35,000 ft	59	DANDONG VOR-DME
VOR	AWY-LO	124.28833	10,668 m		
GOLOT	A345	40.20833	35,000 ft	10	-
FIX	AWY-LO	124.50833	10,668 m		
JONJU	A575	39.68500	31,300 ft	45	-
FIX	AWY-LO	125.21694	9,540 m		
BODOK	A575	39.48417	28,000 ft	15	-
FIX	AWY-LO	125.42972	8,534 m		
GK	A575	39.23402	24,000 ft	18	-
NDB	AWY-LO	125.67260	7,315 m		
RKSI	-	37.46908	0 ft	112	Incheon Intl
APT	-	126.45051	0 m		

EFHK

Region: FINLAND
Timezone: EUROPE/HELSINKI
Runways: 3

Elevation: 180 ft / 55 m
Location: 60.320400 24.952200
Magnetic Var: 9.959 E

METAR

EFHK 031750Z 22006KT CAVOK 15/02 Q1017 NOSIG

TAF

TAF EFHK 031730Z 0318/0418 27006KT CAVOK PROB30 TEMPO 0411/0414 SCT060TCU

Frequencies

REC - 135.07 MHz - ATIS ARRIVAL	REC - 114.20 MHz - ATIS DEPARTURE
TWR - 119.70 MHz - HELSINKI TOWER	TWR - 118.85 MHz - HELSINKI TOWER
TWR - 118.60 MHz - HELSINKI TOWER	GND - 121.80 MHz - HELSINKI GROUND
GND - 118.12 MHz - HELSINKI GROUND	GND - 121.65 MHz - HELSINKI RAMP/TAXI
APP - 119.10 MHz - HELSINKI RADAR APPROACH	APP - 129.85 MHz - HELSINKI RADAR APPROACH
APP - 119.70 MHz - HELSINKI RADAR APPROACH	APP - 124.32 MHz - HELSINKI ARRIVAL
APP - 119.90 MHz - HELSINKI ARRIVAL	GND - 127.02 MHz - HELSINKI DE-ICING

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04R	197 ft	11,459 ft	47.48	ASPHALT	978 ft	210 ft
	60 m	3,493 m	37.52		298 m	64 m
22L	197 ft	11,459 ft	227.52	ASPHALT	0 ft	207 ft
	60 m	3,493 m	217.57		0 m	63 m
04L	197 ft	10,047 ft	47.42	ASPHALT	0 ft	236 ft
	60 m	3,062 m	37.46		0 m	72 m
22R	197 ft	10,047 ft	227.46	ASPHALT	253 ft	177 ft
	60 m	3,062 m	217.50		77 m	54 m
15	197 ft	9,497 ft	153.07	ASPHALT	0 ft	194 ft
	60 m	2,895 m	143.11		0 m	59 m
33	197 ft	9,497 ft	333.09	ASPHALT	0 ft	197 ft
	60 m	2,895 m	323.13		0 m	60 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	HTV	111.90 MHz	18 nm	-	-	165 ft
				33 km	-		165 m
04R	DME	HG	111.50 MHz	18 nm	-	-	206 ft
				33 km	-		206 m
15	DME	HL	109.10 MHz	18 nm	-	-	220 ft
				33 km	-		220 m
22L	DME	HK	110.30 MHz	18 nm	-	-	205 ft
				33 km	-		205 m
22R	DME	HUO	110.70 MHz	18 nm	-	-	207 ft
				33 km	-		207 m
04L	LOC-ILS	HTV	111.90 MHz	18 nm	47.45	-	180 ft
				33 km	37.49		180 m
04R	LOC-ILS	HG	111.50 MHz	18 nm	47.51	-	180 ft
				33 km	37.55		180 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	LOC-ILS	HL	109.10 MHz	18 nm	153.08	-	180 ft
				33 km	143.12		180 m
22L	LOC-ILS	HK	110.30 MHz	18 nm	227.51	-	180 ft
				33 km	217.55		180 m
22R	LOC-ILS	HUO	110.70 MHz	18 nm	227.45	-	180 ft
				33 km	217.49		180 m
04L	GS	HTV	111.90 MHz	10 nm	47.45	3.00	180 ft
				19 km	37.49		180 m
04R	GS	HG	111.50 MHz	10 nm	47.51	3.00	180 ft
				19 km	37.55		180 m
15	GS	HL	109.10 MHz	10 nm	153.08	3.00	180 ft
				19 km	143.12		180 m
22L	GS	HK	110.30 MHz	10 nm	227.51	3.00	180 ft
				19 km	217.55		180 m
22R	GS	HUO	110.70 MHz	10 nm	227.45	3.00	180 ft
				19 km	217.49		180 m

RKSI

Region: SOUTH KOREA
Timezone: UNKNOWN
Runways: 3

Elevation: 22 ft / 7 m
Location: 37.465400 126.443000
Magnetic Var: 8.781 W

METAR

RKSI 031800Z 17001KT 9000 NSC 12/10 Q1017 NOSIG

TAF

TAF RKSI 031700Z 0318/0424 16006KT 6000 NSC TN11/0321Z TX23/0405Z TN16/0421Z BECMG 0404/0406 28006KT CAVOK BECMG

Frequencies

REC - 128.40 MHz - INCHEON ATIS
TWR - 118.20 MHz - INCHEON TOWER
DEP - 121.40 MHz - SEOUL DEPARTURE
GND - 121.75 MHz - INCHEON GROUND
APP - 119.75 MHz - SEOUL APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	197 ft	13,131 ft	144.75	ASPHALT	0 ft	394 ft
	60 m	4,002 m	153.54		0 m	120 m
34	197 ft	13,131 ft	324.77	ASPHALT	0 ft	394 ft
	60 m	4,002 m	333.55		0 m	120 m
15R	197 ft	12,311 ft	144.78	ASPHALT	0 ft	397 ft
	60 m	3,752 m	153.56		0 m	121 m
33L	197 ft	12,311 ft	324.79	ASPHALT	0 ft	394 ft
	60 m	3,752 m	333.57		0 m	120 m
15L	197 ft	12,312 ft	144.77	ASPHALT	0 ft	397 ft
	60 m	3,753 m	153.56		0 m	121 m
33R	197 ft	12,312 ft	324.79	ASPHALT	0 ft	394 ft
	60 m	3,753 m	333.57		0 m	120 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15L	DME	ISLL	111.90 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
15R	DME	ISRR	109.10 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
33L	DME	INLL	109.30 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
33R	DME	INRR	108.90 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
15L	LOC-ILS	ISLL	111.90 MHz	18 nm	144.79	-	22 ft
				33 km	153.57		22 m
15R	LOC-ILS	ISRR	109.10 MHz	18 nm	144.79	-	22 ft
				33 km	153.57		22 m
16	LOC-ILS	IRKS	110.35 MHz	18 nm	144.77	-	22 ft
				33 km	153.55		22 m
33L	LOC-ILS	INLL	109.30 MHz	18 nm	324.79	-	22 ft
				33 km	333.57		22 m
33R	LOC-ILS	INRR	108.90 MHz	18 nm	324.79	-	22 ft
				33 km	333.57		22 m
34	LOC-ILS	IRKN	108.10 MHz	18 nm	324.77	-	22 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	333.55		22 m
15L	GS	ISLL	111.90 MHz	10 nm	144.79	3.00	22 ft
				19 km	153.57		22 m
15R	GS	ISRR	109.10 MHz	10 nm	144.79	3.00	22 ft
				19 km	153.57		22 m
16	GS	IRKS	110.35 MHz	10 nm	144.77	3.00	22 ft
				19 km	153.55		22 m
33L	GS	INLL	109.30 MHz	10 nm	324.79	3.00	22 ft
				19 km	333.57		22 m
33R	GS	INRR	108.90 MHz	10 nm	324.79	3.00	23 ft
				19 km	333.57		23 m
34	GS	IRKN	108.10 MHz	10 nm	324.77	3.00	22 ft
				19 km	333.55		22 m