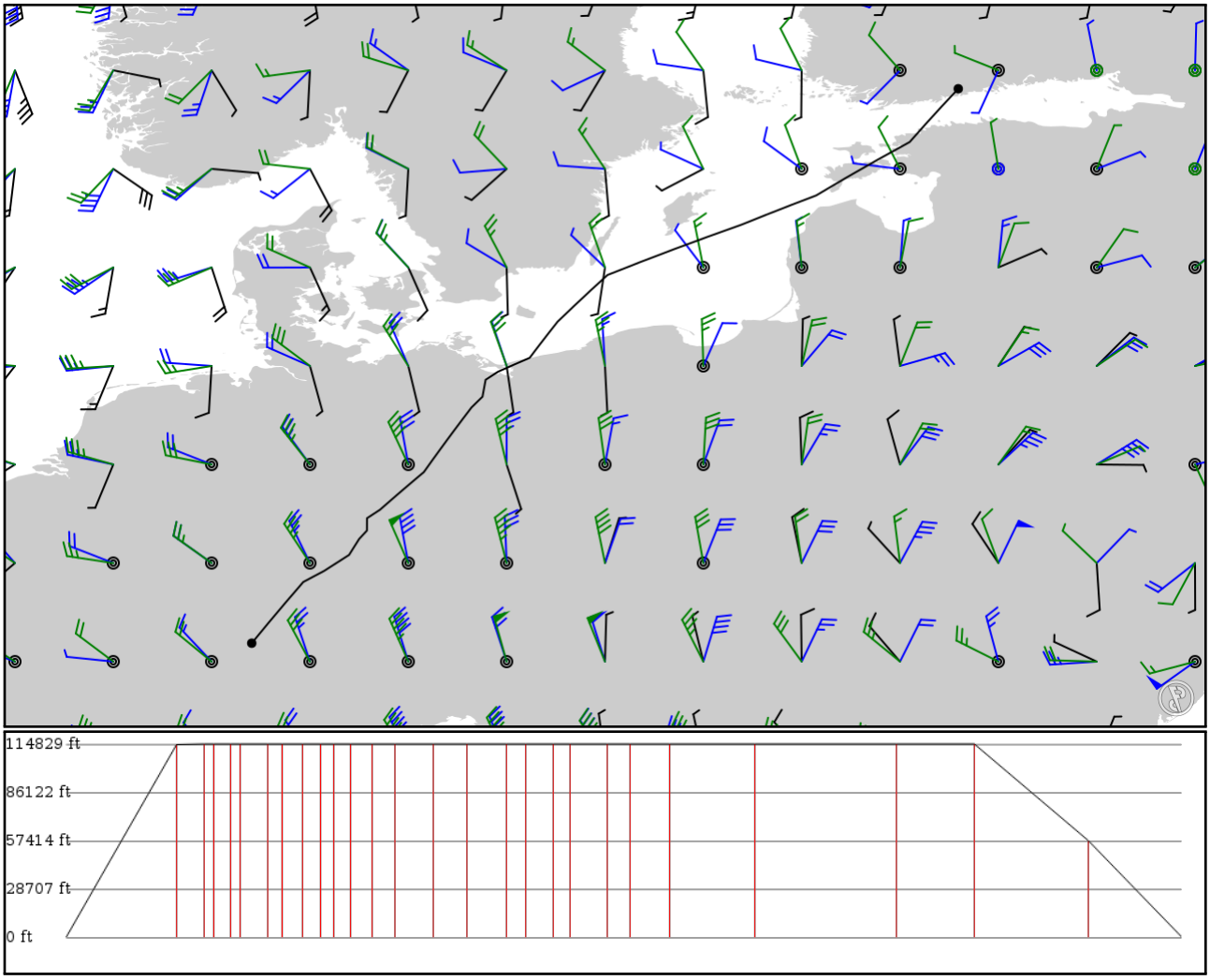
LSZH – EFHK

Zurich — Helsinki Vantaa Intl

2024/03/19 1015Z

LSZH GUPIN **N869** AMOSA **Z77** LONLI **M726** LASGA **T202** TADUV **UL87** RAKIT **UN33** PADKU **UN746** BINKA **N746** KOLJA **M611** LONSA EFHK

985.70 nm / 1825.51 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
LSZH APT	–	47.46350 8.54995	0 ft 0 m	–	Zurich
GUPIN FIX	–	48.88250 9.74806	34,900 ft 10,638 m	97	–
DKB VOR	N869 AWY-LO	49.14280 10.23830	35,000 ft 10,668 m	24	DINKELSBUEHL
DINKU FIX	N869 AWY-LO	49.23610 10.38310	35,000 ft 10,668 m	7	–
ODEGU FIX	N869 AWY-LO	49.41440 10.66190	35,000 ft 10,668 m	15	–
AMOSA FIX	N869 AWY-LO	49.50940 10.81140	35,000 ft 10,668 m	8	–
BAMAS FIX	Z77 AWY-LO	49.88000 11.04580	35,000 ft 10,668 m	24	–
LONLI FIX	Z77 AWY-LO	50.07470 11.22640	35,000 ft 10,668 m	13	–
LASGA FIX	M726 AWY-LO	50.36060 11.22810	35,000 ft 10,668 m	17	–
TABAT FIX	T202 AWY-HI	50.55850 11.53120	35,000 ft 10,668 m	16	–
ALOSO FIX	T202 AWY-HI	50.70750 11.70170	35,000 ft 10,668 m	11	–
GOLAT FIX	T202 AWY-HI	50.91220 11.93800	35,000 ft 10,668 m	15	–
SULED FIX	T202 AWY-HI	51.16190 12.23000	35,000 ft 10,668 m	18	–
TADUV FIX	T202 AWY-HI	51.42990 12.54820	35,000 ft 10,668 m	20	–
KUBOG FIX	UL87 AWY-HI	51.95110 12.92420	35,000 ft 10,668 m	34	–
BANSI FIX	UL87 AWY-HI	52.39970 13.25530	35,000 ft 10,668 m	29	–
KETAP FIX	UL87 AWY-HI	52.92790 13.65490	35,000 ft 10,668 m	34	–
RAKIT FIX	UL87 AWY-HI	53.17860 13.91100	35,000 ft 10,668 m	17	–
PADKU FIX	UN33 AWY-HI	53.56970 13.98310	35,000 ft 10,668 m	23	–
BINKA FIX	UN746 AWY-HI	53.75940 14.27560	35,000 ft 10,668 m	15	–
DEMUR FIX	N746 AWY-HI	54.08000 15.00780	35,000 ft 10,668 m	32	–
BABEN FIX	N746 AWY-HI	54.38810 15.24190	35,000 ft 10,668 m	20	–
GORPI FIX	N746 AWY-HI	54.91670 15.65500	35,000 ft 10,668 m	34	–
KOLJA FIX	N746 AWY-HI	56.00000 16.81470	35,000 ft 10,668 m	76	–
EVONA FIX	M611 AWY-HI	57.16500 19.92470	35,000 ft 10,668 m	124	–
LOGNA FIX	M611 AWY-HI	57.84310 21.66030	35,000 ft 10,668 m	69	–
LONSA	M611	59.08220	17,500 ft	100	–

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	23.83440	5,334 m		
EFHK	-	60.31720	0 ft	81	Helsinki Vantaa Intl
APT	-	24.96330	0 m		

LSZH

Region: SWITZERLAND
Timezone: EUROPE/ZURICH
Runways: 3

Elevation: 1,416 ft / 432 m
Location: 47.463500 8.549950
Magnetic Var: 3.108 E

METAR

LSZH 190950Z 35004KT 320V020 9999 SCT005 BKN007 09/08 Q1020 BECMG SCT010

TAF

TAF LSZH 190825Z 1909/2015 VRB02KT 2000 BR FEW002 BKN005 TX17/1915Z TN02/2006Z TX19/2015Z BECMG 1909/1911 9999 FE

Frequencies

REC - 125.72 MHz - ATIS
GND - 118.15 MHz - ZURICH GROUND
GND - 121.75 MHz - ZURICH APRON
GND - 121.85 MHz - ZURICH APRON
TWR - 118.10 MHz - ZURICH TOWER
TWR - 119.70 MHz - ZURICH TOWER
APP - 135.22 MHz - ZURICH APPROACH
APP - 120.75 MHz - ZURICH FINAL
GND - 121.90 MHz - ZURICH GROUND
GND - 119.75 MHz - ZURICH GROUND
GND - 121.70 MHz - ZURICH APRON
GND - 121.97 MHz - ZURICH APRON
TWR - 120.22 MHz - ZURICH TOWER
APP - 118.00 MHz - ZURICH ARRIVAL
APP - 125.32 MHz - ZURICH FINAL
DEP - 125.95 MHz - ZURICH DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	197 ft	12,181 ft	155.03	CONCRETE	0 ft	62 ft
	60 m	3,713 m	151.93		0 m	19 m
34	197 ft	12,181 ft	335.05	CONCRETE	1,542 ft	49 ft
	60 m	3,713 m	331.94		470 m	15 m
14	197 ft	10,816 ft	137.29	CONCRETE	492 ft	75 ft
	60 m	3,297 m	134.19		150 m	23 m
32	197 ft	10,816 ft	317.31	CONCRETE	0 ft	82 ft
	60 m	3,297 m	314.21		0 m	25 m
10	197 ft	8,196 ft	95.99	CONCRETE	0 ft	62 ft
	60 m	2,498 m	92.89		0 m	19 m
28	197 ft	8,196 ft	276.02	CONCRETE	0 ft	276 ft
	60 m	2,498 m	272.91		0 m	84 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14	DME	IKL	108.30 MHz	18 nm	-	-	1,460 ft
				33 km	-		1,460 m
16	DME	IZH	110.50 MHz	18 nm	-	-	1,400 ft
				33 km	-		1,400 m
28	DME	IZW	109.75 MHz	18 nm	-	-	1,416 ft
				33 km	-		1,416 m
34	DME	IZS	110.75 MHz	18 nm	-	-	1,410 ft
				33 km	-		1,410 m
14	LOC-ILS	IKL	111.75 MHz	18 nm	137.31	-	1,417 ft
				33 km	134.20		1,417 m
16	LOC-ILS	IZH	110.50 MHz	18 nm	155.05	-	1,417 ft
				33 km	151.94		1,417 m
28	LOC-ILS	IZW	109.75 MHz	18 nm	276.01	-	1,417 ft
				33 km	272.90		1,417 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34	LOC-ILS	IZS	110.75 MHz	18 nm	335.06	-	1,417 ft
				33 km	331.95		1,417 m
14	GS	IKL	111.75 MHz	10 nm	137.31	3.00	1,417 ft
				19 km	134.20		1,417 m
16	GS	IZH	110.50 MHz	10 nm	155.05	3.00	1,417 ft
				19 km	151.94		1,417 m
28	GS	IZW	109.75 MHz	10 nm	276.01	3.30	1,417 ft
				19 km	272.90		1,417 m
34	GS	IZS	110.75 MHz	10 nm	335.06	3.30	1,417 ft
				19 km	331.95		1,417 m

EFHK

Region: FINLAND
Timezone: EUROPE/HELSINKI
Runways: 3

Elevation: 180 ft / 55 m
Location: 60.320400 24.952200
Magnetic Var: 9.939 E

METAR

EFHK 190950Z VRB02KT 9999 SCT012 BKN014 M00/M03 Q1025 NOSIG

TAF

TAF TAF EFHK 190831Z 1909/2009 08004KT 9999 BKN013 BECMG 1909/1911 BKN018 TEMPO 1911/1913 BKN012 TEMPO 2003/2006 E

Frequencies

REC - 135.07 MHz - ATIS ARRIVAL
TWR - 119.70 MHz - HELSINKI TOWER
TWR - 118.60 MHz - HELSINKI TOWER
GND - 118.12 MHz - HELSINKI GROUND
APP - 119.10 MHz - HELSINKI RADAR APPROACH
APP - 119.70 MHz - HELSINKI RADAR APPROACH
APP - 119.90 MHz - HELSINKI ARRIVAL

REC - 114.20 MHz - ATIS DEPARTURE
TWR - 118.85 MHz - HELSINKI TOWER
GND - 121.80 MHz - HELSINKI GROUND
GND - 121.65 MHz - HELSINKI RAMP/TAXI
APP - 129.85 MHz - HELSINKI RADAR APPROACH
APP - 124.32 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 60 m	11,459 ft 3,493 m	47.48 37.54	ASPHALT	978 ft 298 m	210 ft 64 m
22L	197 ft 60 m	11,459 ft 3,493 m	227.52 217.58	ASPHALT	0 ft 0 m	207 ft 63 m
04L	197 ft 60 m	10,047 ft 3,062 m	47.42 37.48	ASPHALT	0 ft 0 m	236 ft 72 m
22R	197 ft 60 m	10,047 ft 3,062 m	227.46 217.52	ASPHALT	253 ft 77 m	177 ft 54 m
15	197 ft 60 m	9,497 ft 2,895 m	153.07 143.13	ASPHALT	0 ft 0 m	194 ft 59 m
33	197 ft 60 m	9,497 ft 2,895 m	333.09 323.15	ASPHALT	0 ft 0 m	197 ft 60 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	HTV	111.90 MHz	18 nm 33 km	- -	-	165 ft 165 m
04R	DME	HG	111.50 MHz	18 nm 33 km	- -	-	206 ft 206 m
15	DME	HL	109.10 MHz	18 nm 33 km	- -	-	220 ft 220 m
22L	DME	HK	110.30 MHz	18 nm 33 km	- -	-	205 ft 205 m
22R	DME	HUO	110.70 MHz	18 nm 33 km	- -	-	207 ft 207 m
04L	LOC-ILS	HTV	111.90 MHz	18 nm 33 km	47.45 37.51	-	180 ft 180 m
04R	LOC-ILS	HG	111.50 MHz	18 nm 33 km	47.51 37.57	-	180 ft 180 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	LOC-ILS	HL	109.10 MHz	18 nm 33 km	153.08 143.14	-	180 ft 180 m
22L	LOC-ILS	HK	110.30 MHz	18 nm 33 km	227.51 217.57	-	180 ft 180 m
22R	LOC-ILS	HUO	110.70 MHz	18 nm 33 km	227.45 217.51	-	180 ft 180 m
04L	GS	HTV	111.90 MHz	10 nm 19 km	47.45 37.51	3.00	180 ft 180 m
04R	GS	HG	111.50 MHz	10 nm 19 km	47.51 37.57	3.00	180 ft 180 m
15	GS	HL	109.10 MHz	10 nm 19 km	153.08 143.14	3.00	180 ft 180 m
22L	GS	HK	110.30 MHz	10 nm 19 km	227.51 217.57	3.00	180 ft 180 m
22R	GS	HUO	110.70 MHz	10 nm 19 km	227.45 217.51	3.00	180 ft 180 m