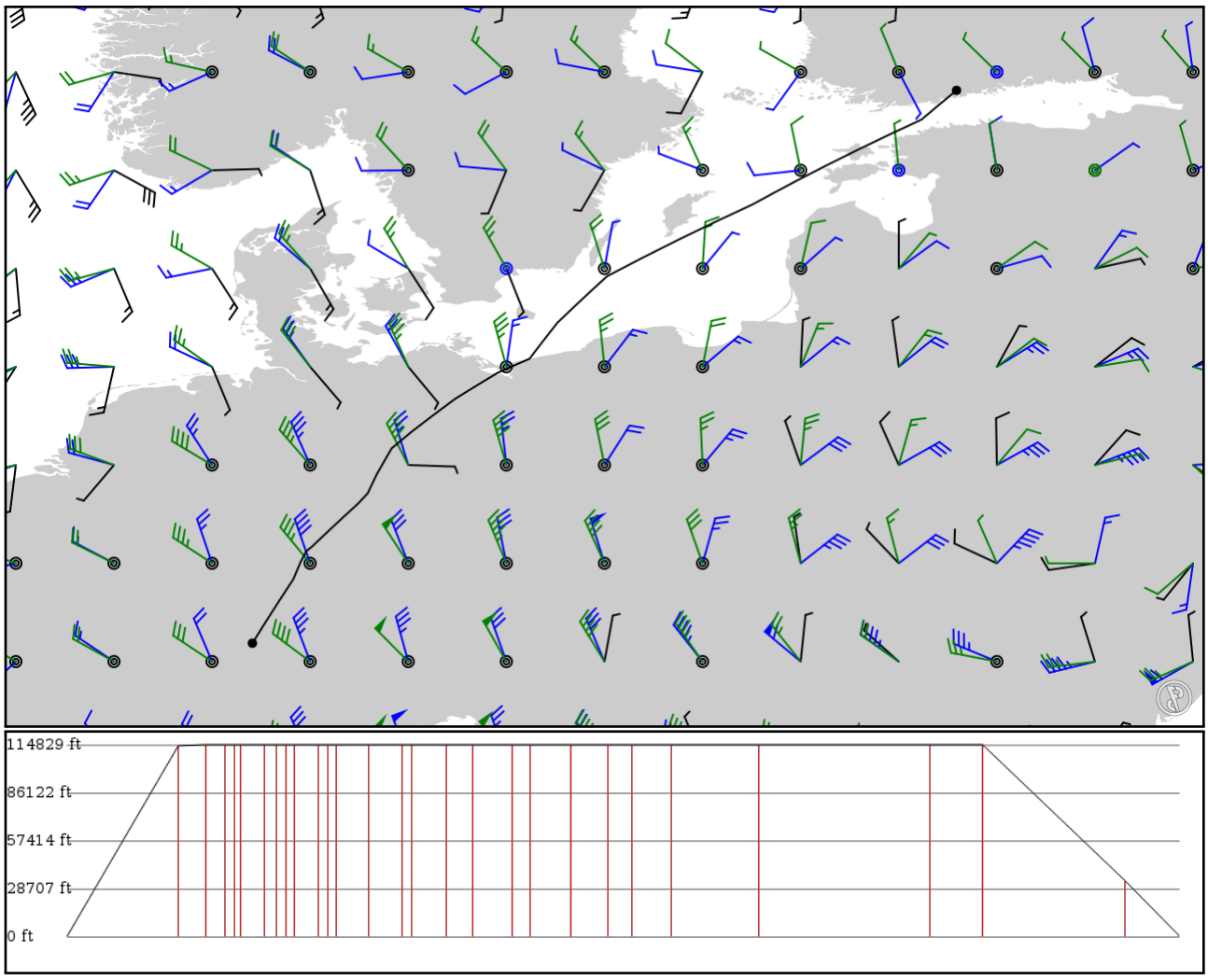
LSZH – EFHK

Zurich — Helsinki Vantaa

2024/03/19 0823Z

LSZH NOTGA **N624** NIKUT **Z94** WUR **Z12** OLIXA **Z94** GALMA **M736** MAG **UN746** BINKA **N746** KOLJA **P739** RENSI EFHK

972.63 nm / 1801.31 km



Notes

Basic altitude profile:
- Ascent Rate: 2000ft/min
- Ascent Speed: 200kts
- Cruise Altitude: 350ft
- Cruise Speed: 300kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:
- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

Ident	Via	Lat	Alt	Dist	Name
Type		Lon		(nm)	
LSZH	–	47.46349	0 ft	–	Zurich
APT	–	8.54996	0 m		
NOTGA	–	48.95611	34,800 ft	97	–
FIX	–	9.50639	10,607 m		
LAMPU	N624	49.34000	35,000 ft	23	–
FIX	AWY-LO	9.66806	10,668 m		
NIKUT	N624	49.60778	35,000 ft	17	–
FIX	AWY-LO	9.81083	10,668 m		
WUR	Z94	49.71753	35,000 ft	8	WURZBURG VOR
VOR	AWY-LO	9.94700	10,668 m		
OLIXA	Z12	49.78972	35,000 ft	5	–
FIX	AWY-LO	10.02250	10,668 m		
PIGMI	Z94	50.07389	35,000 ft	20	–
FIX	AWY-LO	10.32306	10,668 m		
GORKO	Z94	50.22444	35,000 ft	10	–
FIX	AWY-LO	10.48389	10,668 m		
BOKNI	Z94	50.34083	35,000 ft	8	–
FIX	AWY-LO	10.60889	10,668 m		
PILAM	Z94	50.43500	35,000 ft	6	–
FIX	AWY-LO	10.71111	10,668 m		
BAMKI	Z94	50.71806	35,000 ft	20	–
FIX	AWY-LO	11.02028	10,668 m		
GERDO	Z94	50.84417	35,000 ft	8	–
FIX	AWY-LO	11.13722	10,668 m		
ERF	Z94	50.95087	35,000 ft	7	ERFURT VOR-DME
VOR	AWY-LO	11.23669	10,668 m		
GALMA	Z94	51.39806	35,000 ft	28	–
FIX	AWY-LO	11.45111	10,668 m		
BARAP	M736	51.86167	35,000 ft	29	–
FIX	AWY-LO	11.71683	10,668 m		
MAG	M736	51.99499	35,000 ft	8	MAGDEBURG VOR-DME
VOR	AWY-LO	11.79431	10,668 m		
SOBLU	UN746	52.39222	35,000 ft	29	–
FIX	AWY-HI	12.27278	10,668 m		
RIMKO	UN746	52.69194	35,000 ft	22	–
FIX	AWY-HI	12.66472	10,668 m		
BATUX	UN746	53.14417	35,000 ft	34	–
FIX	AWY-HI	13.26944	10,668 m		
TELDO	UN746	53.33194	35,000 ft	15	–
FIX	AWY-HI	13.57194	10,668 m		
BINKA	UN746	53.75880	35,000 ft	35	–
FIX	AWY-HI	14.27444	10,668 m		
DEMUR	N746	54.08000	35,000 ft	32	–
FIX	AWY-LO	15.00778	10,668 m		
BABEN	N746	54.38806	35,000 ft	20	–
FIX	AWY-LO	15.24194	10,668 m		
GORPI	N746	54.91667	35,000 ft	34	–
FIX	AWY-LO	15.65500	10,668 m		
KOLJA	N746	56.00000	35,000 ft	76	–
FIX	AWY-LO	16.81467	10,668 m		
DEREX	P739	57.67278	35,000 ft	150	–
FIX	AWY-LO	20.21083	10,668 m		
PIMEX	P739	58.21278	35,000 ft	45	–

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	21.21444	10,668 m		
RENSI	P739	59.64083	10,200 ft	124	-
FIX	AWY-LO	24.13583	3,109 m		
EFHK	-	60.32057	0 ft	47	Helsinki Vantaa
APT	-	24.95267	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 190750Z 00000KT 1800 BR FEW001 BKN003 08/08 Q1019 BECMG 3000 BKN005

TAF

TAF LSZH 190525Z 1906/2012 VRB02KT 0400 FG VV001 TX17/1915Z TN03/1906Z TN02/2005Z BECMG 1907/1909 3000 BR BKN006 B

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 60 m	12,181 ft 3,713 m	155.03 151.93	CONCRETE	0 ft 0 m	62 ft 19 m
34	197 ft 60 m	12,181 ft 3,713 m	335.05 331.94	CONCRETE	1,542 ft 470 m	49 ft 15 m
14	197 ft 60 m	10,816 ft 3,297 m	137.29 134.19	CONCRETE	492 ft 150 m	75 ft 23 m
32	197 ft 60 m	10,816 ft 3,297 m	317.31 314.21	CONCRETE	0 ft 0 m	82 ft 25 m
10	197 ft 60 m	8,196 ft 2,498 m	95.99 92.89	CONCRETE	0 ft 0 m	62 ft 19 m
28	197 ft 60 m	8,196 ft 2,498 m	276.02 272.91	CONCRETE	0 ft 0 m	276 ft 84 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14	DME	IKL	108.30 MHz	18 nm 33 km	- -	-	1,460 ft 1,460 m
16	DME	IZH	110.50 MHz	18 nm 33 km	- -	-	1,400 ft 1,400 m
28	DME	IZW	109.75 MHz	18 nm 33 km	- -	-	1,416 ft 1,416 m
34	DME	IZS	110.75 MHz	18 nm 33 km	- -	-	1,410 ft 1,410 m
14	LOC-ILS	IKL	111.75 MHz	18 nm 33 km	137.31 134.20	-	1,417 ft 1,417 m
16	LOC-ILS	IZH	110.50 MHz	18 nm 33 km	155.05 151.94	-	1,417 ft 1,417 m
28	LOC-ILS	IZW	109.75 MHz	18 nm 33 km	276.01 272.90	-	1,417 ft 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 190750Z 09004KT 9999 BKN015 M01/M03 Q1025 TEMPO BKN014

TAF

TAF TAF EFHK 190533Z 1906/2006 08004KT 9999 BKN013 PROB40 TEMPO 1906/1909 BKN009 BECMG 1909/1911 BKN018 TEMPO 200

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	227.52 217.59	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