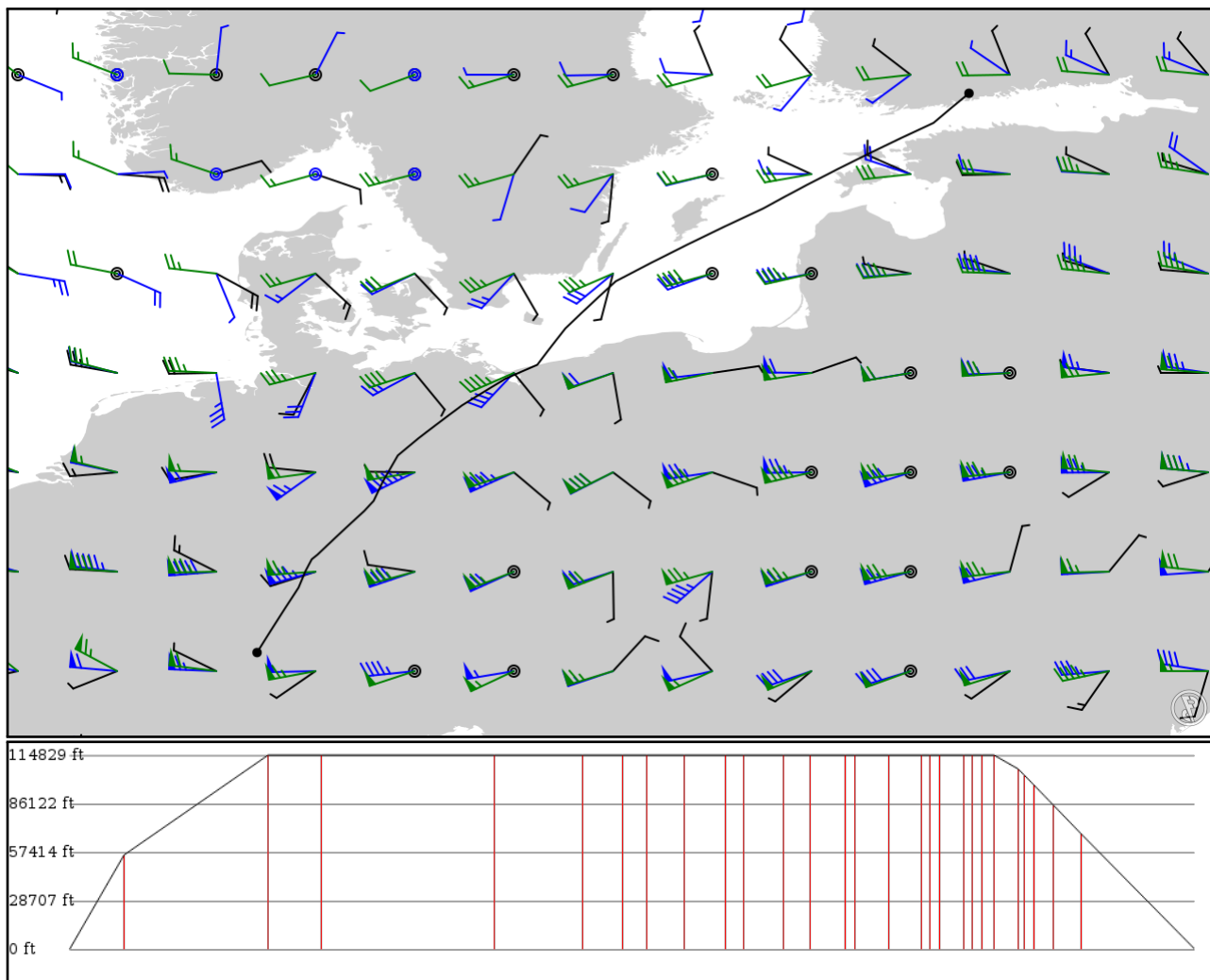


2024/06/04 1523Z

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

972.63 nm / 1801.31 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 41000ft
- 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
RENSI FIX	-	59.64083 24.13583	17,000 ft 5,182 m	47	-
PIMEX FIX	P739 AWY-LO	58.21278 21.21444	35,000 ft 10,668 m	124	-
DEREX FIX	P739 AWY-LO	57.67278 20.21083	35,000 ft 10,668 m	45	-
KOLJA FIX	P739 AWY-LO	56.00000 16.81467	35,000 ft 10,668 m	150	-
GORPI FIX	N746 AWY-LO	54.91667 15.65500	35,000 ft 10,668 m	76	-
BABEN FIX	N746 AWY-LO	54.38806 15.24194	35,000 ft 10,668 m	34	-
DEMUR FIX	N746 AWY-LO	54.08000 15.00778	35,000 ft 10,668 m	20	-
BINKA FIX	N746 AWY-LO	53.75880 14.27444	35,000 ft 10,668 m	32	-
TELDO FIX	UN746 AWY-HI	53.33194 13.57194	35,000 ft 10,668 m	35	-
BATUX FIX	UN746 AWY-HI	53.14417 13.26944	35,000 ft 10,668 m	15	-
RIMKO FIX	UN746 AWY-HI	52.69194 12.66472	35,000 ft 10,668 m	34	-
SOBLU FIX	UN746 AWY-HI	52.39222 12.27278	35,000 ft 10,668 m	22	-
MAG VOR	UN746 AWY-HI	51.99499 11.79431	35,000 ft 10,668 m	29	MAGDEBURG VOR-DME
BARAP FIX	M736 AWY-LO	51.86167 11.71683	35,000 ft 10,668 m	8	-
GALMA FIX	M736 AWY-LO	51.39806 11.45111	35,000 ft 10,668 m	29	-
ERF VOR	Z94 AWY-LO	50.95087 11.23669	35,000 ft 10,668 m	28	ERFURT VOR-DME
GERDO FIX	Z94 AWY-LO	50.84417 11.13722	35,000 ft 10,668 m	7	-
BAMKI FIX	Z94 AWY-LO	50.71806 11.02028	35,000 ft 10,668 m	8	-
PILAM FIX	Z94 AWY-LO	50.43500 10.71111	35,000 ft 10,668 m	20	-
BOKNI FIX	Z94 AWY-LO	50.34083 10.60889	35,000 ft 10,668 m	6	-
GORKO FIX	Z94 AWY-LO	50.22444 10.48389	35,000 ft 10,668 m	8	-
PIGMI FIX	Z94 AWY-LO	50.07389 10.32306	35,000 ft 10,668 m	10	-
OLIXA FIX	Z94 AWY-LO	49.78972 10.02250	32,500 ft 9,906 m	20	-
WUR VOR	Z12 AWY-LO	49.71753 9.94700	31,400 ft 9,571 m	5	WURZBURG VOR
NIKUT FIX	Z94 AWY-LO	49.60778 9.81083	29,600 ft 9,022 m	8	-
LAMPU	N624	49.34000	26,000 ft	17	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	9.66806	7,925 m		
NOTGA	N624	48.95611	20,800 ft	23	-
FIX	AWY-LO	9.50639	6,340 m		
LSZH	-	47.46349	0 ft	97	Zurich
APT	-	8.54996	0 m		

EFHK

Region: FINLAND
Timezone: EUROPE/HELSINKI
Runways: 3

Elevation: 180 ft / 55 m
Location: 60.320400 24.952200
Magnetic Var: 9.972 E

METAR

EFHK 041450Z 25008KT 220V300 CAVOK 24/10 Q1006 NOSIG

TAF

TAF TAF EFHK 041433Z 0415/0515 27010KT CAVOK BECMG 0420/0422 VRB02KT BECMG 0508/0510 21010KT

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	37.51		298 m	64 m
22L	197 ft	11,459 ft	227.52	ASPHALT	0 ft	207 ft
	60 m	3,493 m	217.55		0 m	63 m
04L	197 ft	10,047 ft	47.42	ASPHALT	0 ft	236 ft
	60 m	3,062 m	37.45		0 m	72 m
22R	197 ft	10,047 ft	227.46	ASPHALT	253 ft	177 ft
	60 m	3,062 m	217.49		77 m	54 m
15	197 ft	9,497 ft	153.07	ASPHALT	0 ft	194 ft
	60 m	2,895 m	143.09		0 m	59 m
33	197 ft	9,497 ft	333.09	ASPHALT	0 ft	197 ft
	60 m	2,895 m	323.11		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	37.48		180 m
04R	LOC-ILS	HG	111.50 MHz	18 nm	47.51	-	180 ft
				33 km	37.54		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	143.11		180 m
22L	LOC-ILS	HK	110.30 MHz	18 nm	227.51	-	180 ft
				33 km	217.54		180 m
22R	LOC-ILS	HUO	110.70 MHz	18 nm	227.45	-	180 ft
				33 km	217.48		180 m
04L	GS	HTV	111.90 MHz	10 nm	47.45	3.00	180 ft
				19 km	37.48		180 m
04R	GS	HG	111.50 MHz	10 nm	47.51	3.00	180 ft
				19 km	37.54		180 m
15	GS	HL	109.10 MHz	10 nm	153.08	3.00	180 ft
				19 km	143.11		180 m
22L	GS	HK	110.30 MHz	10 nm	227.51	3.00	180 ft
				19 km	217.54		180 m
22R	GS	HUO	110.70 MHz	10 nm	227.45	3.00	180 ft
				19 km	217.48		180 m

LSZH

Region: SWITZERLAND
Timezone: EUROPE/ZURICH
Runways: 3

Elevation: 1,416 ft / 432 m
Location: 47.463500 8.549950
Magnetic Var: 3.133 E

METAR

LSZH 041450Z VRB02KT 9999 FEW042 22/10 Q1013 NOSIG

TAF

TAF LSZH 041425Z 0415/0521 VRB03KT 9999 FEW040 TX23/0415Z TN13/0504Z TX24/0515Z PROB30 TEMPO 0423/0503 SHRA SCT03

Frequencies

REC - 125.72 MHz - ATIS	GND - 121.90 MHz - ZURICH GROUND
GND - 118.15 MHz - ZURICH GROUND	GND - 119.75 MHz - ZURICH GROUND
GND - 121.75 MHz - ZURICH APRON	GND - 121.70 MHz - ZURICH APRON
GND - 121.85 MHz - ZURICH APRON	GND - 121.97 MHz - ZURICH APRON
TWR - 118.10 MHz - ZURICH TOWER	TWR - 120.22 MHz - ZURICH TOWER
TWR - 119.70 MHz - ZURICH TOWER	APP - 118.00 MHz - ZURICH ARRIVAL
APP - 135.22 MHz - ZURICH APPROACH	APP - 125.32 MHz - ZURICH FINAL
APP - 120.75 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	151.90		0 m	19 m
34	197 ft	12,181 ft	335.05	CONCRETE	1,542 ft	49 ft
	60 m	3,713 m	331.91		470 m	15 m
14	197 ft	10,816 ft	137.29	CONCRETE	492 ft	75 ft
	60 m	3,297 m	134.16		150 m	23 m
32	197 ft	10,816 ft	317.31	CONCRETE	0 ft	82 ft
	60 m	3,297 m	314.18		0 m	25 m
10	197 ft	8,196 ft	95.99	CONCRETE	0 ft	62 ft
	60 m	2,498 m	92.86		0 m	19 m
28	197 ft	8,196 ft	276.02	CONCRETE	0 ft	276 ft
	60 m	2,498 m	272.88		0 m	84 m

Approach Nav aids

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	134.18		1,417 m
16	LOC-ILS	IZH	110.50 MHz	18 nm	155.05	-	1,417 ft
				33 km	151.92		1,417 m
28	LOC-ILS	IZW	109.75 MHz	18 nm	276.01	-	1,417 ft
				33 km	272.88		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	331.93		1,417 m
14	GS	IKL	111.75 MHz	10 nm	137.31	3.00	1,417 ft
				19 km	134.18		1,417 m
16	GS	IZH	110.50 MHz	10 nm	155.05	3.00	1,417 ft
				19 km	151.92		1,417 m
28	GS	IZW	109.75 MHz	10 nm	276.01	3.30	1,417 ft
				19 km	272.88		1,417 m
34	GS	IZS	110.75 MHz	10 nm	335.06	3.30	1,417 ft
				19 km	331.93		1,417 m