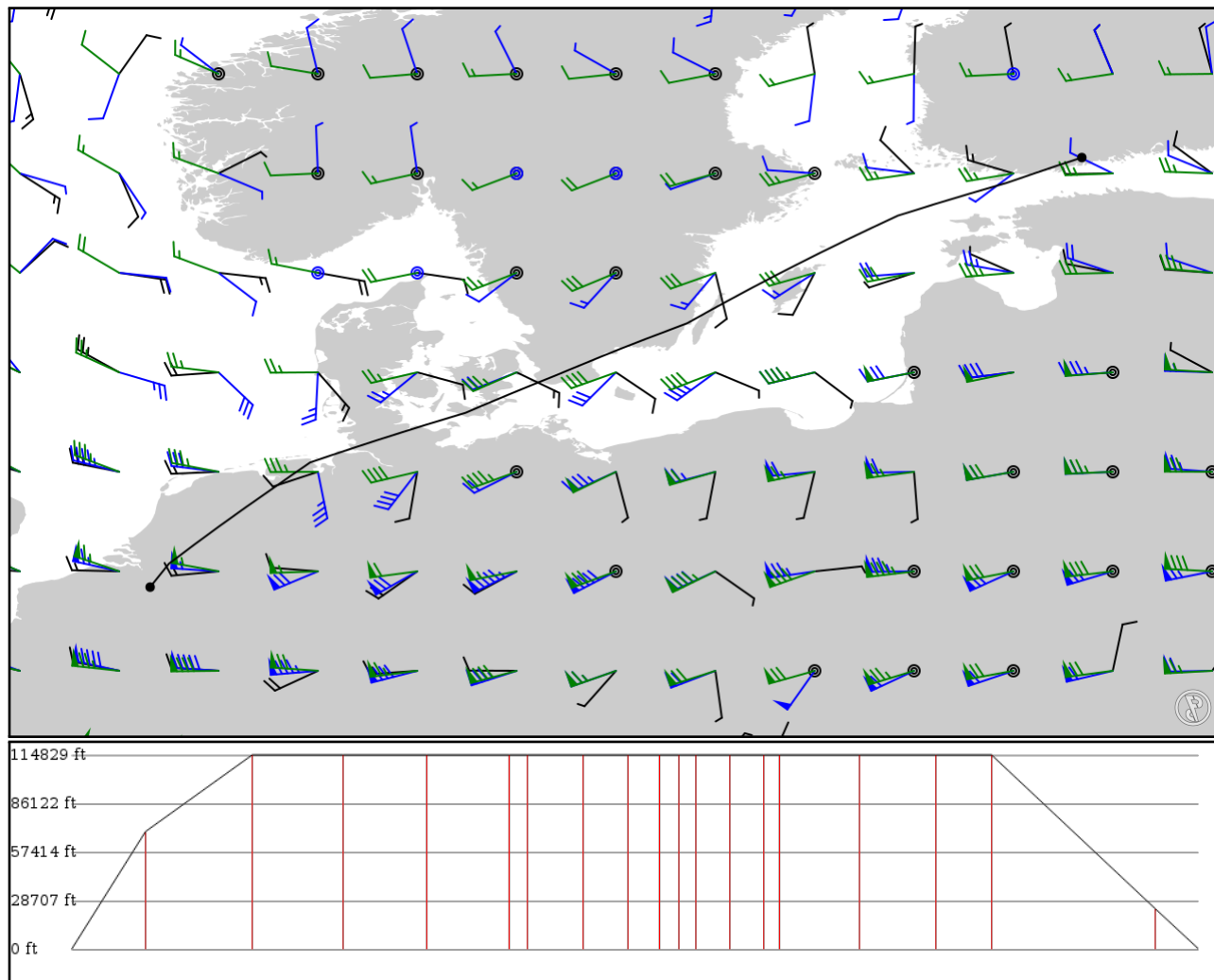


2024/06/07 1716Z

EFHK RAMIM **P606** KAL **L990** LILBI **UL990** LUPUR **L990** MARIP GOBOT **UZ701** GASTU **UZ703** BABIX EBBR

897.81 nm / 1662.75 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 330ft
- Cruise Speed: 290kts
- 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	-	60.32057	0 ft	-	Helsinki Vantaa
APT	-	24.95267	0 m		
RAMIM	-	59.76833	21,200 ft	59	-
FIX	-	23.31083	6,462 m		
ALAMI	P606	59.04778	35,000 ft	85	-
FIX	AWY-LO	20.91583	10,668 m		
GOSAN	P606	58.23064	35,000 ft	72	-
FIX	AWY-LO	19.20533	10,668 m		
OLANU	P606	57.46897	35,000 ft	65	-
FIX	AWY-LO	17.71858	10,668 m		
KAL	P606	56.68539	35,000 ft	66	KALMAR VOR-DME
VOR	AWY-LO	16.28419	10,668 m		
LAGIS	L990	56.55494	35,000 ft	13	-
FIX	AWY-LO	15.93700	10,668 m		
KOTAM	L990	56.13275	35,000 ft	44	-
FIX	AWY-LO	14.83667	10,668 m		
PERRY	L990	55.77678	35,000 ft	36	-
FIX	AWY-LO	13.96283	10,668 m		
SUP	L990	55.53453	35,000 ft	24	STURUP VOR-DME
VOR	AWY-LO	13.37950	10,668 m		
INTAR	L990	55.38472	35,000 ft	15	-
FIX	AWY-LO	13.00639	10,668 m		
LILBI	L990	55.25306	35,000 ft	13	-
FIX	AWY-LO	12.68278	10,668 m		
LUPUR	UL990	54.99111	35,000 ft	26	-
FIX	AWY-HI	12.05083	10,668 m		
MARIP	L990	54.72306	35,000 ft	27	-
FIX	AWY-LO	11.42083	10,668 m		
GOBOT	-	54.62278	35,000 ft	13	-
FIX	-	11.08611	10,668 m		
ABANO	UZ701	54.12917	35,000 ft	62	-
FIX	AWY-HI	9.50000	10,668 m		
GASTU	UZ701	53.63333	35,000 ft	60	-
FIX	AWY-HI	8.00528	10,668 m		
SIPSA	UZ703	53.07139	35,000 ft	44	-
FIX	AWY-HI	7.19583	10,668 m		
BABIX	UZ703	51.41306	7,300 ft	130	-
FIX	AWY-HI	4.90528	2,225 m		
EBBR	-	50.89995	0 ft	34	Brussels Airport
APT	-	4.49281	0 m		

## EFHK

Region: FINLAND  
Timezone: EUROPE/HELSINKI  
Runways: 3

Elevation: 180 ft / 55 m  
Location: 60.320400 24.952200  
Magnetic Var: 9.974 E

## METAR

EFHK 071650Z 22009KT 190V250 9999 FEW039 16/07 Q1012 NOSIG

## TAF

TAF TAF EFHK 071423Z 0715/0815 24009KT 9999 FEW040 PROB30 TEMPO 0715/0716 FEW040CB TEMPO 0806/0815 FEW035CB PROB30

## 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

## EBBR

Region: BELGIUM  
Timezone: EUROPE/BRUSSELS  
Runways: 3

Elevation: 184 ft / 56 m  
Location: 50.899900 4.492770  
Magnetic Var: 2.013 E

## METAR

EBBR 071650Z 24006KT 220V280 CAVOK 20/07 Q1017 NOSIG

## TAF

TAF EBBR 071110Z 0712/0818 26007KT 9999 FEW045= TAF EDDF 071100Z 0712/0818 25008KT CAVOK BECMG 0719/0721 VRB03KT E

## Frequencies

REC - 121.75 MHz - ATIS DEP  
COM - 130.55 MHz - ABELAG UNICOM  
GND - 118.05 MHz -  
GND - 121.87 MHz -  
TWR - 120.77 MHz -  
APP - 120.10 MHz -  
DEP - 126.62 MHz -

REC - 132.47 MHz - ATIS ARR  
CLD - 121.95 MHz - CLNC DEL  
GND - 121.70 MHz -  
TWR - 118.60 MHz -  
APP - 118.25 MHz -  
APP - 122.50 MHz -

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft	11,917 ft	65.37	ASPHALT	843 ft	72 ft
	45 m	3,632 m	63.36		257 m	22 m
25R	148 ft	11,917 ft	245.41	ASPHALT	981 ft	0 ft
	45 m	3,632 m	243.40		299 m	0 m
07R	148 ft	10,522 ft	69.88	ASPHALT	407 ft	0 ft
	45 m	3,207 m	67.86		124 m	0 m
25L	148 ft	10,522 ft	249.91	ASPHALT	0 ft	13 ft
	45 m	3,207 m	247.90		0 m	4 m
01	164 ft	9,810 ft	14.44	ASPHALT	157 ft	0 ft
	50 m	2,990 m	12.43		48 m	0 m
19	164 ft	9,810 ft	194.45	ASPHALT	722 ft	43 ft
	50 m	2,990 m	192.44		220 m	13 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	DME	IBX	109.90 MHz	18 nm	-	-	184 ft
				33 km	-		184 m
19	DME	IBM	111.15 MHz	18 nm	-	-	184 ft
				33 km	-		184 m
25R	DME	IBR	108.90 MHz	18 nm	-	-	184 ft
				33 km	-		184 m
01	LOC-ILS	IBX	109.90 MHz	18 nm	14.45	-	184 ft
				33 km	12.44		184 m
19	LOC-ILS	IBM	111.15 MHz	18 nm	194.45	-	184 ft
				33 km	192.44		184 m
25L	LOC-ILS	IBL	110.35 MHz	18 nm	249.89	-	184 ft
				33 km	247.88		184 m
25R	LOC-ILS	IBR	108.90 MHz	18 nm	245.39	-	184 ft
				33 km	243.38		184 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	GS	IBX	109.90 MHz	10 nm	14.45	3.00	184 ft
				19 km	12.44		184 m
19	GS	IBM	111.15 MHz	10 nm	194.45	3.00	184 ft
				19 km	192.44		184 m
25L	GS	IBL	110.35 MHz	10 nm	249.89	3.00	184 ft
				19 km	247.88		184 m
25R	GS	IBR	108.90 MHz	10 nm	245.39	3.00	184 ft
				19 km	243.38		184 m