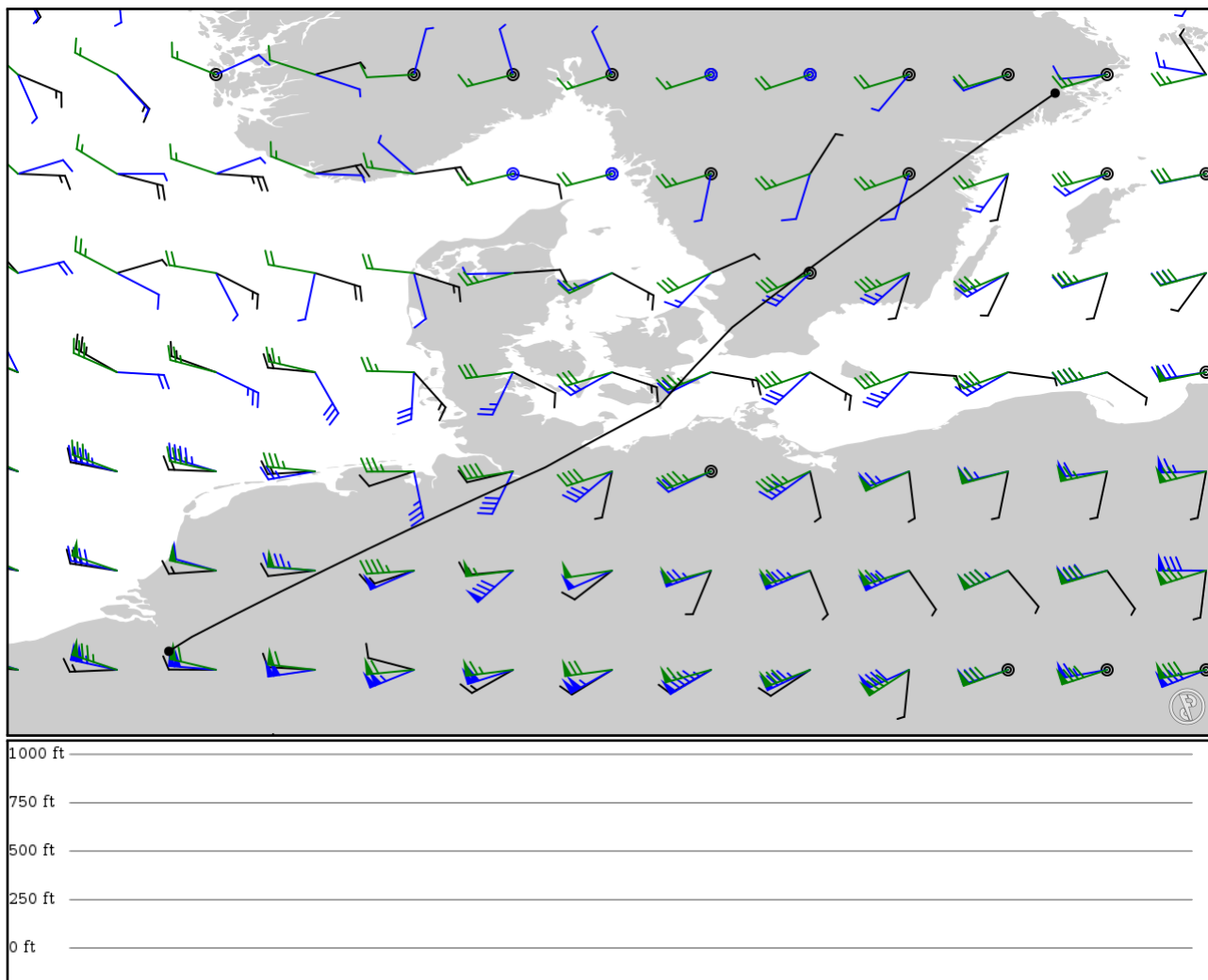


2024/05/12 1923Z

EBBR BUN ETEBO EDDW HAM **UP605** LUB **P605** GESKA **N851** MIKNA ESSB

696.85 nm / 1290.57 km



Notes

Requested: EBBR BUN ETEBO EDDW HAM UP605 LUB P605 GESKA N851 MIKNA ESSB

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EBBR	-	50.89990	0 ft	-	Brussels
APT	-	4.49277	0 m		
BUN	-	51.11860	0 ft	18	BRUNO
VOR	-	4.84222	0 m		
ETEBO	-	52.13830	0 ft	97	-
FIX	-	6.87528	0 m		
EDDW	-	53.04570	0 ft	88	Bremen
APT	-	8.78900	0 m		
HAM	-	53.68560	0 ft	63	HAMBURG
VOR	-	10.20500	0 m		
LUB	UP605	53.94070	0 ft	22	LUEBECK
VOR	AWY-HI	10.66780	0 m		
TOSPA	P605	54.11390	0 ft	15	-
FIX	AWY-LO	10.98360	0 m		
AMICH	P605	54.20560	0 ft	8	-
FIX	AWY-LO	11.15360	0 m		
MEGAR	P605	54.46830	0 ft	23	-
FIX	AWY-HI	11.64830	0 m		
GESKA	P605	54.61750	0 ft	13	-
FIX	AWY-HI	11.93250	0 m		
KUBIS	N851	55.22310	0 ft	41	-
FIX	AWY-HI	12.48170	0 m		
LEBDA	N851	55.37360	0 ft	10	-
FIX	AWY-HI	12.62860	0 m		
MOSIN	N851	55.55280	0 ft	12	-
FIX	AWY-HI	12.79810	0 m		
GORAX	N851	55.80610	0 ft	17	-
FIX	AWY-HI	13.04060	0 m		
KEMAX	N851	56.12640	0 ft	23	-
FIX	AWY-HI	13.45380	0 m		
NEXIL	N851	56.33910	0 ft	15	-
FIX	AWY-HI	13.73310	0 m		
ROXEN	N851	56.56450	0 ft	16	-
FIX	AWY-HI	14.03340	0 m		
DEKIK	N851	56.76440	0 ft	15	-
FIX	AWY-HI	14.30770	0 m		
VEPIP	N851	56.92030	0 ft	11	-
FIX	AWY-HI	14.51970	0 m		
BEDOS	N851	57.35980	0 ft	33	-
FIX	AWY-HI	15.13060	0 m		
MIKNA	N851	57.90700	0 ft	41	-
FIX	AWY-HI	15.92200	0 m		
ESSB	-	59.35440	0 ft	107	Bromma
APT	-	17.94220	0 m		

EBBR

Region: BELGIUM
Timezone: EUROPE/BRUSSELS
Runways: 3

Elevation: 184 ft / 56 m
Location: 50.899900 4.492770
Magnetic Var: 2.003 E

METAR

EBBR 121850Z 12007KT 9999 -SHRA SCT060CB 18/13 Q1012 TEMPO SHRA

TAF

TAF TAF EBBR 121701Z 1218/1324 19006KT 9999 SCT050TCU PROB30 TEMPO 1218/1221 VRB18G28KT 3500 TSRA BKN050CB BECMG

Frequencies

REC - 121.75 MHz - ATIS DEP	REC - 132.47 MHz - ATIS ARR
COM - 130.55 MHz - ABELAG UNICOM	CLD - 121.95 MHz - CLNC DEL
GND - 118.05 MHz -	GND - 121.70 MHz -
GND - 121.87 MHz -	TWR - 118.60 MHz -
TWR - 120.77 MHz -	APP - 118.25 MHz -
APP - 120.10 MHz -	APP - 122.50 MHz -
DEP - 126.62 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	63.37		257 m	22 m
25R	148 ft	11,917 ft	245.41	ASPHALT	981 ft	0 ft
	45 m	3,632 m	243.41		299 m	0 m
07R	148 ft	10,522 ft	69.88	ASPHALT	407 ft	0 ft
	45 m	3,207 m	67.87		124 m	0 m
25L	148 ft	10,522 ft	249.91	ASPHALT	0 ft	13 ft
	45 m	3,207 m	247.91		0 m	4 m
01	164 ft	9,810 ft	14.44	ASPHALT	157 ft	0 ft
	50 m	2,990 m	12.44		48 m	0 m
19	164 ft	9,810 ft	194.45	ASPHALT	722 ft	43 ft
	50 m	2,990 m	192.45		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	12.45		184 m
19	LOC-ILS	IBM	111.15 MHz	18 nm	194.45	-	184 ft
				33 km	192.45		184 m
25L	LOC-ILS	IBL	110.35 MHz	18 nm	249.89	-	184 ft
				33 km	247.89		184 m
25R	LOC-ILS	IBR	108.90 MHz	18 nm	245.39	-	184 ft
				33 km	243.39		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	12.45		184 m
19	GS	IBM	111.15 MHz	10 nm	194.45	3.00	184 ft
				19 km	192.45		184 m
25L	GS	IBL	110.35 MHz	10 nm	249.89	3.00	184 ft
				19 km	247.89		184 m
25R	GS	IBR	108.90 MHz	10 nm	245.39	3.00	184 ft
				19 km	243.39		184 m

ESSB

Region: SWEDEN
Timezone: EUROPE/STOCKHOLM
Runways: 1

Elevation: 44 ft / 13 m
Location: 59.354400 17.942200
Magnetic Var: 7.071 E

METAR

ESSB 121850Z 13004KT 110V170 CAVOK 18/07 Q1021

TAF

UNKNOWN

Frequencies

REC - 122.45 MHz - ATIS
TWR - 118.10 MHz - TOWER

GND - 121.60 MHz - GROUND

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12	148 ft	6,181 ft	125.05	ASPHALT	361 ft	210 ft
	45 m	1,884 m	117.98		110 m	64 m
30	148 ft	6,181 ft	305.07	ASPHALT	361 ft	207 ft
	45 m	1,884 m	298.00		110 m	63 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	LOC-ILS	SB	110.30 MHz	18 nm	125.08	-	45 ft
				33 km	118.01		45 m
30	LOC-ILS	SBA	109.70 MHz	18 nm	305.08	-	45 ft
				33 km	298.01		45 m
12	GS	SB	110.30 MHz	10 nm	125.08	3.50	45 ft
				19 km	118.01		45 m
30	GS	SBA	109.70 MHz	10 nm	305.08	3.50	45 ft
				19 km	298.01		45 m