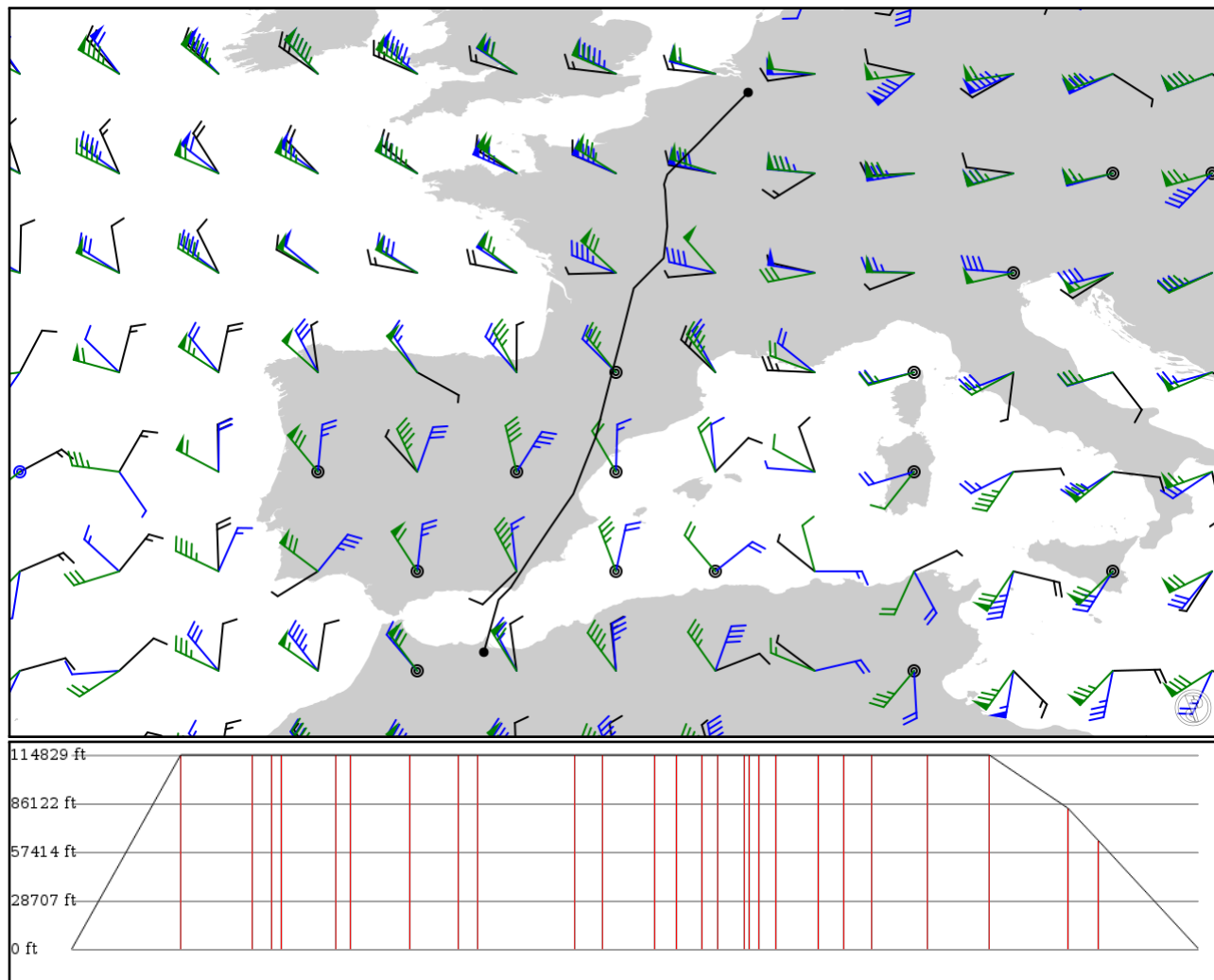


2024/05/11 0600Z

EBBR KOVIN **UY317** RESMI **UN857** DIRMO **UZ365** GUERE **UN860** BOLKA GMMW

1031.07 nm / 1909.55 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: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EBBR	-	50.89995	0 ft	-	Brussels Airport
APT	-	4.49281	0 m		
KOVIN	-	49.48583	35,000 ft	100	-
FIX	-	3.10639	10,668 m		
RESMI	UY317	48.56861	35,000 ft	65	-
FIX	AWY-HI	2.19194	10,668 m		
DEKOD	UN857	48.28333	35,000 ft	17	-
FIX	AWY-HI	2.10000	10,668 m		
DISAK	UN857	48.13333	35,000 ft	9	-
FIX	AWY-HI	2.13167	10,668 m		
DEPOM	UN857	47.31778	35,000 ft	49	-
FIX	AWY-HI	2.17917	10,668 m		
DIRMO	UN857	47.08917	35,000 ft	13	-
FIX	AWY-HI	2.19222	10,668 m		
GUERE	UZ365	46.19000	35,000 ft	54	-
FIX	AWY-HI	2.08944	10,668 m		
OBUBA	UN860	45.57944	35,000 ft	44	-
FIX	AWY-HI	1.47972	10,668 m		
MAKOX	UN860	45.33278	35,000 ft	17	-
FIX	AWY-HI	1.23806	10,668 m		
AGN	UN860	43.88803	35,000 ft	88	AGEN-Gaudonville VOR-DME
VOR	AWY-HI	0.87286	10,668 m		
GONUP	UN860	43.46083	35,000 ft	26	-
FIX	AWY-HI	0.75889	10,668 m		
ANETO	UN860	42.69300	35,000 ft	46	-
FIX	AWY-HI	0.55846	10,668 m		
TURBO	UN860	42.36754	35,000 ft	19	-
FIX	AWY-HI	0.47496	10,668 m		
GRAUS	UN860	41.97904	35,000 ft	23	-
FIX	AWY-HI	0.37645	10,668 m		
LOBAR	UN860	41.74801	35,000 ft	14	-
FIX	AWY-HI	0.31844	10,668 m		
SEROX	UN860	41.34669	35,000 ft	24	-
FIX	AWY-HI	0.21869	10,668 m		
CASPE	UN860	41.26845	35,000 ft	4	-
FIX	AWY-HI	0.19939	10,668 m		
MLA	UN860	41.12959	35,000 ft	8	MAELLA VOR-DME
VOR	AWY-HI	0.16524	10,668 m		
CRETA	UN860	40.87226	35,000 ft	16	-
FIX	AWY-HI	0.06156	10,668 m		
SAURA	UN860	40.25603	35,000 ft	38	-
FIX	AWY-HI	-0.18336	10,668 m		
PLANA	UN860	39.89043	35,000 ft	22	-
FIX	AWY-HI	-0.32646	10,668 m		
VLC	UN860	39.48565	35,000 ft	25	VALENCIA VOR-DME
VOR	AWY-HI	-0.48304	10,668 m		
NARGO	UN860	38.73831	35,000 ft	50	-
FIX	AWY-HI	-0.99868	10,668 m		
RESTU	UN860	37.90755	35,000 ft	56	-
FIX	AWY-HI	-1.55757	10,668 m		
AMR	UN860	36.83317	25,400 ft	72	ALMERIA VOR-DME
VOR	AWY-HI	-2.25942	7,742 m		
BOLKA	UN860	36.47923	19,600 ft	27	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-2.60885	5,974 m		
GMMW	-	34.98878	0 ft	91	EL AROUI
APT	-	-3.02820	0 m		

EBBR

Region: BELGIUM
Timezone: EUROPE/BRUSSELS
Runways: 3

Elevation: 184 ft / 56 m
Location: 50.899900 4.492770
Magnetic Var: 2.002 E

METAR

EBBR 110520Z VRB01KT 7000 NSC 12/11 Q1022 NOSIG

TAF

UNKNOWN

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	63.37		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