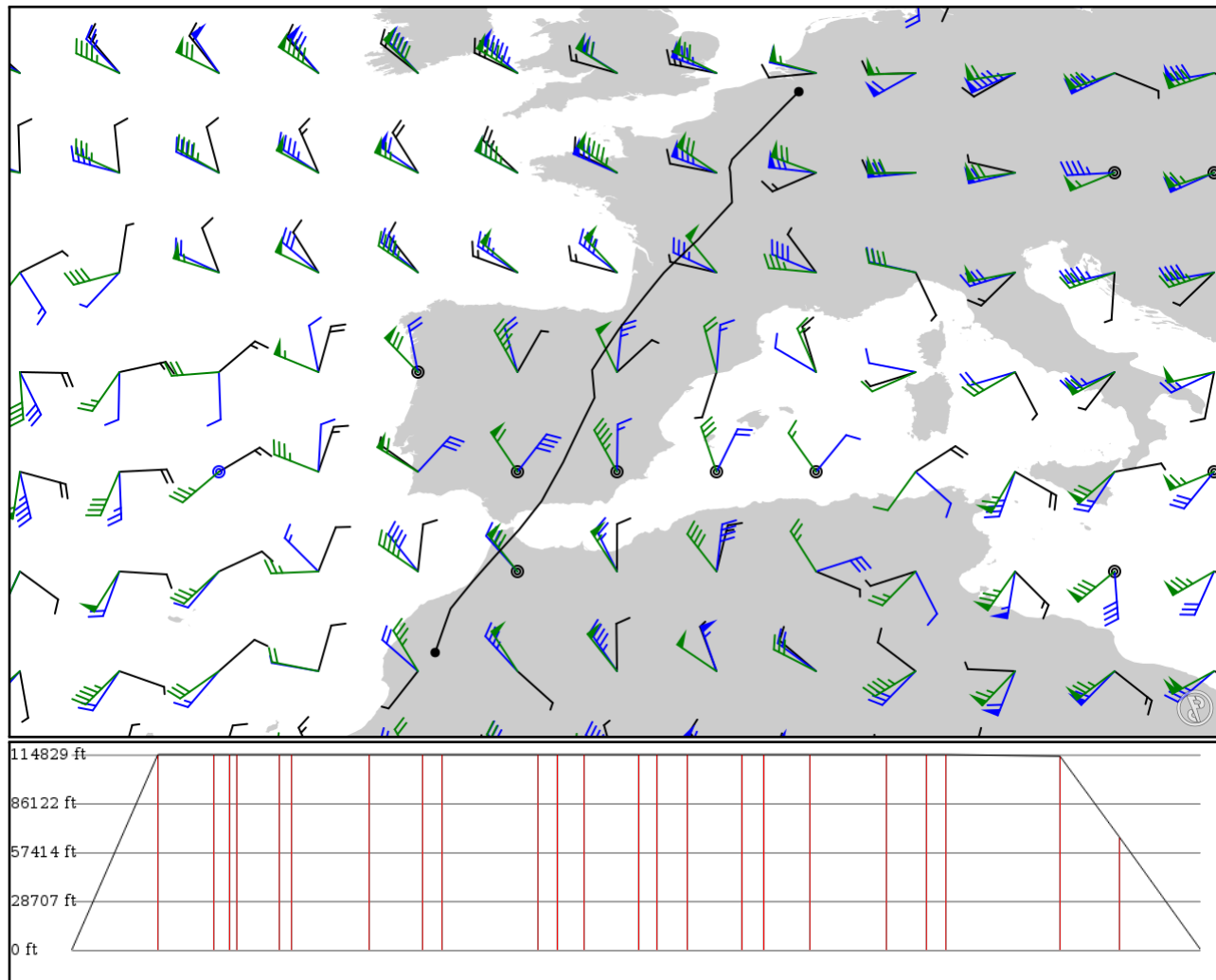


2024/05/02 1235Z

EBBR KOVIN **UM728** RESMI **UN857** LMG **UN10** SAU **UN857** PPN **UN10** VASUM **UN857** BAN **UN10** CJN **UL27** BLN **UN869**
MGA **UM985** PIMOS **UN869** SLK GMMX

1312.17 nm / 2430.13 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	-	50.89990	0 ft	-	Brussels
APT	-	4.49277	0 m		
KOVIN	-	49.48580	35,000 ft	100	-
FIX	-	3.10639	10,668 m		
RESMI	UM728	48.56860	35,000 ft	65	-
FIX	AWY-HI	2.19194	10,668 m		
DEKOD	UN857	48.28330	35,000 ft	17	-
FIX	AWY-HI	2.10000	10,668 m		
DISAK	UN857	48.13330	35,000 ft	9	-
FIX	AWY-HI	2.13167	10,668 m		
DEPOM	UN857	47.31780	35,000 ft	49	-
FIX	AWY-HI	2.17917	10,668 m		
DIRMO	UN857	47.08920	35,000 ft	13	-
FIX	AWY-HI	2.19222	10,668 m		
LMG	UN857	45.81590	35,000 ft	90	LIMOGES
VOR	AWY-HI	1.02558	10,668 m		
VELIN	UN10	44.98000	35,000 ft	62	-
FIX	AWY-HI	0.15556	10,668 m		
SAU	UN10	44.67680	35,000 ft	22	SAUVETERRE DE GUYENNE
VOR	AWY-HI	-0.15292	10,668 m		
BEGUY	UN857	43.05830	35,000 ft	112	-
FIX	AWY-HI	-1.45083	10,668 m		
PPN	UN857	42.73370	35,000 ft	22	PAMPLONA
VOR	AWY-HI	-1.70200	10,668 m		
VASUM	UN10	42.27190	35,000 ft	30	-
FIX	AWY-HI	-2.01100	10,668 m		
BAN	UN857	41.32360	35,000 ft	63	BARAHONA
VOR	AWY-HI	-2.62978	10,668 m		
PINAR	UN10	40.98030	35,000 ft	20	-
FIX	AWY-HI	-2.59917	10,668 m		
CJN	UN10	40.37200	35,000 ft	36	CASTEJON
VOR	AWY-HI	-2.54461	10,668 m		
NASOS	UL27	39.39910	35,000 ft	62	-
FIX	AWY-HI	-3.02778	10,668 m		
ANZAN	UL27	39.00000	35,000 ft	25	-
FIX	AWY-HI	-3.22144	10,668 m		
BLN	UL27	38.15250	35,000 ft	54	BAILEN
VOR	AWY-HI	-3.62500	10,668 m		
MGA	UN869	36.81430	35,000 ft	87	MALAGA
VOR	AWY-HI	-4.36958	10,668 m		
PIMOS	UM985	36.15040	35,000 ft	47	-
FIX	AWY-HI	-4.89347	10,668 m		
GALTO	UN869	35.83330	35,000 ft	22	-
FIX	AWY-HI	-5.14361	10,668 m		
RBT	UN869	34.04990	34,700 ft	133	RABAT
VOR	AWY-HI	-6.74639	10,577 m		
SLK	UN869	33.11570	20,200 ft	67	SIDI KHEDIM (CASABLANCA)
VOR	AWY-HI	-7.50610	6,157 m		
GMMX	-	31.60690	0 ft	94	MENARA
APT	-	-8.03627	0 m		

EBBR

Region: BELGIUM
Timezone: EUROPE/BRUSSELS
Runways: 3

Elevation: 184 ft / 56 m
Location: 50.899900 4.492770
Magnetic Var: 1.999 E

METAR

EBBR 021150Z 24010KT 7000 SCT012 15/12 Q1001 NOSIG

TAF

TAF TAF EBBR 021120Z 0212/0318 26010KT 9999 SCT030 TEMPO 0214/0221 27015G25KT 3500 SHRA TSRA BKN020CB PROB30 TEMPO

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	67.88		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

GMMX

Region: MOROCCO
Timezone: AFRICA/CASABLANCA
Runways: 1

Elevation: 1,544 ft / 471 m
Location: 31.606900 -8.036270
Magnetic Var: 1.299 W

METAR

GMMX 021200Z 32006KT 270V020 CAVOK 24/11 Q1017 NOSIG

TAF

TAF GMMX 021100Z 0212/0318 06008KT 8000 NSC TEMPO 0216/0221 34016KT

Frequencies

TWR - 118.70 MHz - MARRAKECH TWR
REC - 121.95 MHz - MARRAKECH ATIS

APP - 119.70 MHz - MARRAKECH APP
GND - 118.70 MHz - MARRAKECH GND

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	147 ft	10,123 ft	95.92	ASPHALT	0 ft	33 ft
	45 m	3,085 m	97.21		0 m	10 m
28	147 ft	10,123 ft	275.93	ASPHALT	0 ft	20 ft
	45 m	3,085 m	277.23		0 m	6 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10	LOC-ILS	MAR	109.70 MHz	18 nm	96.03	-	1,545 ft
				33 km	97.32		1,545 m
10	GS	MAR	109.70 MHz	10 nm	95.92	3.00	1,545 ft
				19 km	97.22		1,545 m