

# EBBR

Brussels

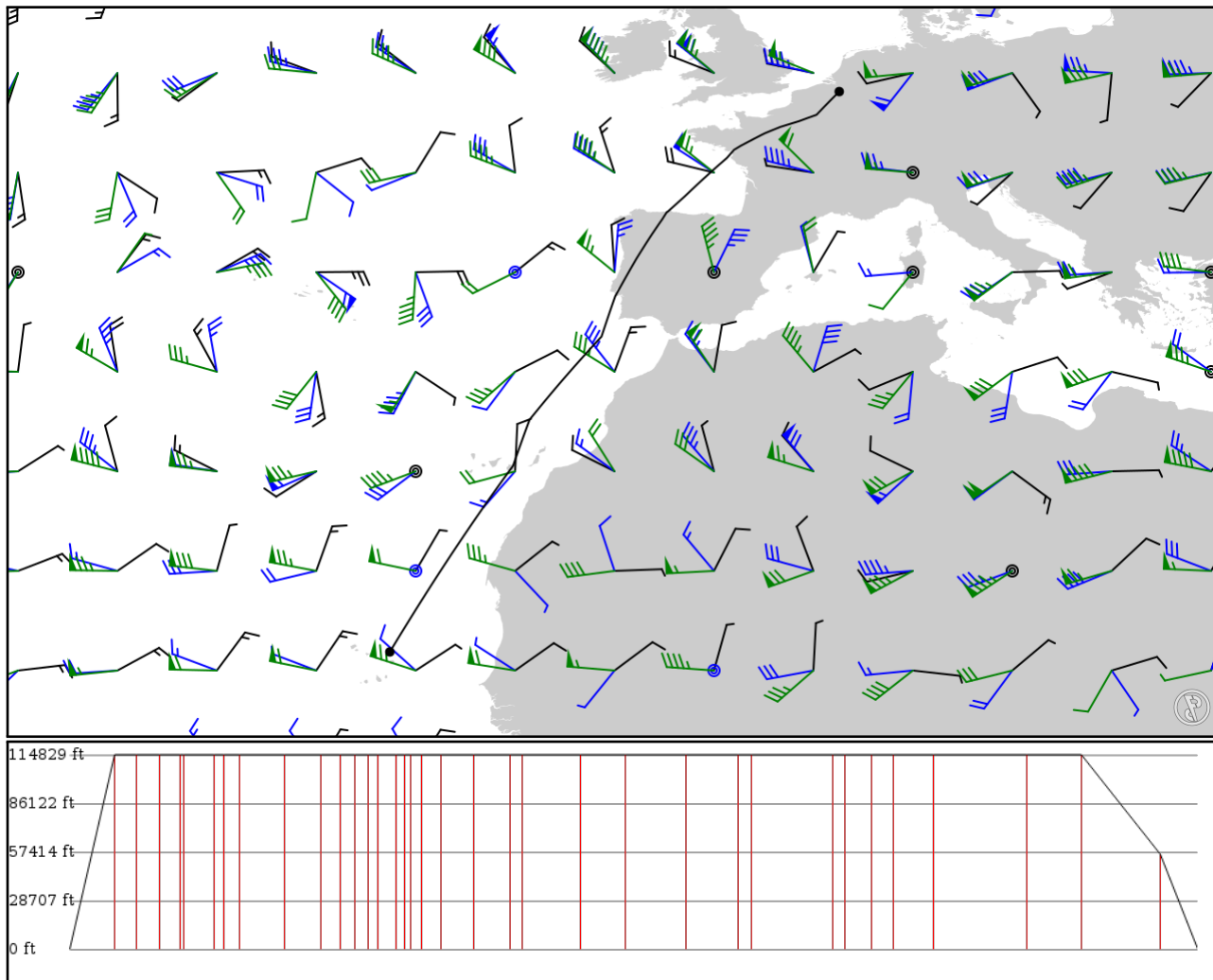
# GVAC

Espargos-Amilcar Cabral Intl

2024/05/23 1554Z

EBBR KOVIN **UN872** ATLEN **G41** VES VES **G41** BARKO RALUS **UN872** VIS **G41** FTM **UN872** ESP **U24** BAROK **UN873**  
IPERA **B623** PISPU GVAC

2470.39 nm / 4575.17 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: yes

- 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		
PON	UN872	49.09610	35,000 ft	48	PONTOISE CORMEILLES
VOR	AWY-HI	2.03589	10,668 m		
DITAL	UN872	48.74470	35,000 ft	49	-
FIX	AWY-HI	0.88917	10,668 m		
GODIX	UN872	48.36250	35,000 ft	43	-
FIX	AWY-HI	-0.04250	10,668 m		
DIDAK	UN872	48.25970	35,000 ft	10	-
FIX	AWY-HI	-0.25000	10,668 m		
KURIS	UN872	47.59970	35,000 ft	64	-
FIX	AWY-HI	-1.51750	10,668 m		
TERPO	UN872	47.34890	35,000 ft	22	-
FIX	AWY-HI	-1.92889	10,668 m		
ERIGA	UN872	46.86000	35,000 ft	34	-
FIX	AWY-HI	-2.36306	10,668 m		
INBAB	UN872	45.57360	35,000 ft	97	-
FIX	AWY-HI	-3.81000	10,668 m		
ATLEN	UN872	44.50540	35,000 ft	80	-
FIX	AWY-HI	-4.94753	10,668 m		
DEVAR	G41	43.94480	35,000 ft	43	-
FIX	AWY-LO	-5.57161	10,668 m		
VES	G41	43.55710	35,000 ft	29	ASTURIAS
VOR	AWY-LO	-6.00708	10,668 m		
VES	-	43.56460	35,000 ft	1	ASTURIAS VOR-DME
DME	-	-6.03075	10,668 m		
KUVAN	G41	43.11100	35,000 ft	29	-
FIX	AWY-LO	-6.31700	10,668 m		
BISMU	G41	42.79660	35,000 ft	21	-
FIX	AWY-LO	-6.53856	10,668 m		
BARKO	G41	42.20060	35,000 ft	40	-
FIX	AWY-LO	-6.94461	10,668 m		
RALUS	-	41.93660	35,000 ft	17	-
FIX	-	-7.11636	10,668 m		
ABUPI	UN872	41.75110	35,000 ft	12	-
FIX	AWY-HI	-7.23611	10,668 m		
CANAR	UN872	41.38580	35,000 ft	24	-
FIX	AWY-HI	-7.46972	10,668 m		
VIS	UN872	40.72340	35,000 ft	44	WISEU
VOR	AWY-HI	-7.88583	10,668 m		
FTM	G41	39.66570	35,000 ft	69	FATIMA
VOR	AWY-LO	-8.49264	10,668 m		
ESP	UN872	38.42410	35,000 ft	81	ESPICHEL
VOR	AWY-HI	-9.18567	10,668 m		
NAKOS	UZ4	38.00000	35,000 ft	26	-
FIX	AWY-HI	-9.33444	10,668 m		
BAROK	UZ4	35.96670	35,000 ft	126	-
FIX	AWY-HI	-10.02330	10,668 m		
BENTU	UN873	34.62830	35,000 ft	100	-
FIX	AWY-HI	-11.24360	10,668 m		
ABTIR	UN873	32.84890	35,000 ft	132	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-12.80170	10,668 m		
MITLA	UN873	31.30830	35,000 ft	113	-
FIX	AWY-HI	-14.08220	10,668 m		
SAMAR	UN873	30.89970	35,000 ft	29	-
FIX	AWY-HI	-14.41560	10,668 m		
GDV	UN873	28.07710	35,000 ft	177	GRAN CANARIA
VOR	AWY-HI	-15.42900	10,668 m		
LOMAS	UN873	27.72040	35,000 ft	25	-
FIX	AWY-HI	-15.69110	10,668 m		
ODEGI	UN873	26.89460	35,000 ft	59	-
FIX	AWY-HI	-16.29010	10,668 m		
UDATI	UN873	26.19780	35,000 ft	49	-
FIX	AWY-HI	-16.78640	10,668 m		
LIMAL	UN873	25.00000	35,000 ft	85	-
FIX	AWY-HI	-17.62560	10,668 m		
ISOKA	UN873	22.08140	35,000 ft	205	-
FIX	AWY-HI	-19.59000	10,668 m		
IPERA	UN873	20.36500	35,000 ft	120	-
FIX	AWY-HI	-20.70000	10,668 m		
PISPU	B623	17.88890	17,100 ft	172	-
FIX	AWY-LO	-22.24810	5,212 m		
GVAC	-	16.73760	0 ft	80	Espargos-Amilcar Cabral Intl
APT	-	-22.95000	0 m		

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Region: BELGIUM
Timezone: EUROPE/BRUSSELS
Runways: 3
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Elevation: 184 ft / 56 m  
Location: 50.899900 4.492770  
Magnetic Var: 2.007 E

EBBR 231520Z 24008KT 9999 FEW038 19/10 01015 NOSIG

TAF TAF EBBR 231100Z 2312/2418 24008KT 9999 SCT035 PROB30 TEMPO 2312/2321 3000 SHRA TSRA BKN030CB PROB40 TEMPO 241

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 -

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	243.40		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	247.90		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

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

## GVAC

Region: CAPE VERDE  
Timezone: ATLANTIC/CAPE\_VERDE  
Runways: 1

Elevation: 184 ft / 56 m  
Location: 16.737600 -22.950000  
Magnetic Var: 8.488 W

## METAR

GVAC 231500Z 05018KT 9999 SCT014 25/16 Q1015 NOSIG

## TAF

TAF GVAC 231100Z 2312/2418 04022KT 9999 SCT014 TEMPO 2400/2409 05012KT

## Frequencies

REC - 127.60 MHz - AMILCABRAL ATIS  
APP - 126.40 MHz - SAL APPROACH

TWR - 119.70 MHz - AMILCABRAL TOWER

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01	148 ft	10,781 ft	359.61	ASPHALT	879 ft	0 ft
	45 m	3,286 m	8.10		268 m	0 m
19	148 ft	10,781 ft	179.61	ASPHALT	0 ft	0 ft
	45 m	3,286 m	188.10		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	LOC-ILS	SL	109.90 MHz	18 nm	359.58	-	177 ft
				33 km	8.07		177 m
01	GS	SL	109.90 MHz	10 nm	359.64	3.00	184 ft
				19 km	8.13		184 m